

THE MAY BIRD CENSUS.

Particular interest attaches to the 1916 May census because, throughout the central states, the weather conditions favored the halting of many of the smaller birds as well as many of the larger ones during the last week in April and the first half of May. In the vicinity of Oberlin vegetation was backward, the weather prevailing cold, with occasional warm days, and the precipitation, while not excessive, was spread over many days. The appended list for the first of May shows that the warblers as well as other small birds, were ahead of the season as well as being ahead of schedule. The list for May 8 and 15 shows that there had been little change in the bird population except the arrival of more species—only eight species having left, the rest of those not seen on the 8th as well as the 15th being breeding birds.

Oberlin, Ohio, May 1st, 1916. Chilly morning, warming to about 80 by noon. Cloudy early, clearing until about 1:00 p. m., then clouding again to showers and a steady rain by mid-afternoon. Wind strong S. W. About Oberlin early morning, Berlin Heights to Lake Erie via Old-woman's Creek 8:00 to 10:15 a. m., Rye Beach to Cedar Point 10:30 to 3:30. Lynds Jones, Max. de Laubenfels, and James Watson, until 10:15 a. m., Jones leaving the party then.

Pied-billed Grebe, 1; Horned Grebe, 1; Herring Gull, C; Bonaparte Gull, 2; Common Tern, 10; Black Duck, 10; Lesser Scaup Duck, 4; Solitary Sandpiper, 1; Woodcock, 1; Spotted Sandpiper, 25; Killdeer, 10; Coot, 25; Florida Gallinule, 3; Sora, 5; Virginia Rail, 1; Bittern, 3; Great Blue Heron, 1; Green Heron, 2; Bobwhite, 3; Mourning Dove, 10; Turkey Vulture, 3; Marsh Hawk, 10; Sharpshinned Hawk, 15; Red-tailed Hawk, 2; Red-shouldered Hawk, 5; Broad-winged Hawk, 2; Bald Eagle, 2; Sparrow Hawk, 10; Barred Owl, 2; Screech Owl, 1; Belted Kingfisher, 3; Hairy Woodpecker, 2; Downy Woodpecker, 5; Yellow-bellied Sapsucker, 2; Red-headed Woodpecker, C; Red-bellied Woodpecker, 4; Northern Flicker, C; Whip-poor-will, 3; Chimney Swift, C; Kingbird, 3; Crested Flycatcher, 2; Phoebe, 1; Least Flycatcher, 3; Blue Jay, C; Crow, C; Bobolink, 5; Cowbird, C; Red-winged Blackbird, C; Meadowlark, C; Baltimore Oriole, 4; Rusty Blackbird, 2; Bronzed Grackle, C; Goldfinch, 3; Vesper Sparrow, C; Grasshopper Sparrow, 3; White-throated Sparrow, C; Tree Sparrow, 1; Chipping Sparrow, C; Field Sparrow, C; Slate-colored Junco, 1; Song Sparrow, C; Lincoln's Sparrow, 2; Swamp Sparrow, 3; Towhee, C; Cardinal, 10; Rose-breasted Grosbeak, 3; Indigo Bunting, 3; Scarlet Tanager, 1; Pur-

ple Martin, C; Cliff Swallow, 13; Barn Swallow, C; Tree Swallow, 1; Bank Swallow, C; Rough-winged Swallow, 10; Cedar Waxwing, 12; Migrant Shrike, 1; Warbling Vireo, 4; Blue-headed Vireo, 5; Yellow-throated Vireo, 1; Black and White Warbler, 5; Blue-winged Warbler, 3; Golden-winged Warbler, 1; Worm-eating Warbler, 1; Nashville Warbler, 10; Orange-crowned Warbler, 1; Yellow Warbler, C; Black-throated Blue Warbler, 5; Myrtle Warbler, 10; Magnolia Warbler, 1; Chestnut-sided Warbler, 3; Blackburnian Warbler, 3; Black-throated Green Warbler, 10; Palm Warbler, 15; Oven-bird, 5; Water-Thrush, 1; Louisiana Water-Thrush, 1; Maryland Yellow-throat, 3; Redstart, 1; Pipit, 5; Catbird, 5; Brown Thrasher, 5; House Wren, 5; Winter Wren, 2; Long-billed Marsh Wren, 2; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 1; Tufted Titmouse, 10; Chickadee, 3; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, C; Blue-gray Gnatcatcher, 5; Wood Thrush, 10; Veery, 2; Olive-backed Thrush, 5; Hermit Thrush, 15; Robin, C.; Bluebird, C. Total species, 117.

At Oberlin, on May 8, another study was made by H. W. Baker, Lynds Jones, Max de Laubenfels, and Lester Strong, covering much the same ground as on the first, but extending the studies to the east end of the Marblehead peninsula across the bay from Sandusky. The time spent was from 3:30 a. m. to darkness. The day was fair but with a brisk south-west wind.

Another all day study was made on May 15 in the same general region, by Mr. George L. Fordyce and John Young of Youngstown, Lynds Jones and Max de Laugenfels, and Harry G. Morse and James Watson, who worked only in the vicinity of Oberlin. The first four named spent the early morning at Vermilion, Mr. Morse the early morning at Huron, and the five then worked together at Rye Beach for a half hour, then crossed to the Marblehead peninsula and worked there until 3 p. m. There was a thunder-shower in the early morning, then a clearing and warm day, with little wind.

It seems best to arrange the species in tabular form, including those found at Youngstown on May 12, when an all day study was made by Messrs. Fordyce, Jones, de Laubenfels, Leedy, Murie, Rogers, Todd, Warner, and Young. In this study the parks, woods and artificial lakes in the region of Youngstown were visited. The day was fair, with little wind.

	Oberlin May 8	Oberlin May 15	Youngstown May 12
Pied-billed Grebe	1		1
Loon			3
Herring Gull	c	c	
Ring-billed Gull	3	3	

	Oberlin May 8	Oberlin May 15	Youngstown May 12
Bonaparte Gull	3	2	
Caspian Tern	2	1	
Common Tern	c	c	
Black Tern	6	20+	7
Merganser			1
Mallard			1
Black Duck		2	1
Lesser Scaup Duck.....	7	20+	50+
Old-Squaw			1
Ruddy Duck	1		1
Bittern	1	1	1
Least Bittern	3	7	1
Great Blue Heron.....	1	1	
Green Heron	5	3	10+
Black-Crowned Night Heron.....	1		
Virginia Rail	1		1
Sora	3	3	1
Florida Gallinule	3	4	1
Coot	3	1	2
Woodcock	1	1	
Least Sandpiper		10+	2
Baird's Sandpiper			3
Red-backed Sandpiper		3	
Semipalmated Sandpiper		1	6
Sanderling		1	
Greater Yellow-legs	2		16
Yellow-legs		1	1
Solitary Sandpiper	10	4	5
Upland Plover	4		1
Spotted Sandpiper	c	c	c
Killdeer	4	7	10+
Semipalmated Plover		7	
Piping Plover	4	4	
Bob-white	4	3	2
Ruffed Grouse			1
Mourning Dove	c	c	10+
Turkey Vulture	3	1	1
Marsh Hawk	4	3	4
Sharp-shinned Hawk	3	c	
Cooper Hawk		1	
Red-tailed Hawk	2		2
Red-shouldered Hawk	3	1	4
Broad-winged Hawk			3
Bald Eagle	1	1	
Sparrow Hawk	1	2	2
Osprey	1		1
Barred Owl	2	2	
Screech Owl	1	1	1
Yellow-billed Cuckoo		3	
Black-billed Cuckoo		2	
Belted Kingfisher	2	3	3
Hairy Woodpecker	2		4

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	Oberlin May 8	Oberlin May 15	Youngstown May 12
Downy Woodpecker	6	2	c
Yellow-bellied Sapsucker			3
Red-headed Woodpecker	c	c	c
Red-bellied Woodpecker	2		4
Northern Flicker	c	c	c
Whip-poor-will	3	1	3
Nighthawk	1	3	3
Chimney Swift	c	c	c
Ruby-throated Hummingbird	3	3	
Kingbird	10+	10+	10+
Crested Flycatcher	5	7	10+
Phoebe	7	9	5
Wood Pewee	1	4	5
Acadian Flycatcher			4
Alder Flycatcher		2	
Least Flycatcher	c	c	c
Prairie Horned Lark.....	3	2	2
Blue Jay	c	c	10+
Crow	c	c	c
Bobolink	c	c	c
Cowbird	c	c	10+
Red-winged Blackbird	c	c	c
Meadowlark	c	c	c
Orchard Oriole	c	c	1
Baltimore Oriole	c	c	c
Rusty Blackbird	3		
Bronzed Grackle	c	c	c
Purple Finch	10+	7	2
Goldfinch	c	c	c
Pine Siskin	2		
Vesper Sparrow	c	c	c
Savanna Sparrow	3	1	2
Grasshopper Sparrow	3	2	1
Lark Sparrow	1		
White-crowned Sparrow	10+	10+	3
White-throated Sparrow	c	c	c
Chipping Sparrow	c	c	5+
Field Sparrow	c	c	c
Slate-colored Junco		1	1
Song Sparrow	c	c	c
Lincoln's Sparrow	2	1	
Swamp Sparrow	3	7	3
Towhee	c	c	c
Cardinal	c	c	10+
Rose-breasted Grosbeak	10+	1	c
Indigo Bunting	5+	10+	2
Scarlet Tanager	10+	10+	20+
Purple Martin	c	c	c
Cliff Swallow	3	2	2
Barn Swallow	c	c	c
Tree Swallow	10+	5+	4
Bank Swallow	c	c	c

	Oberlin May 8	Oberlin May 15	Youngstown May 12
Rough-winged Swallow	c	c	20+
Cedar Waxwing	10	7	
Migrant Shrike	1	1	1
Red-eyed Vireo	c	c	10+
Philadelphia Vireo		1	
Warbling Vireo	c	c	10+
Yellow-throated Vireo	6	7	10+
Blue-headed Vireo	7	5	5
Black and White Warbler.....	c	1	10+
Prothonotary Warbler		1	
Blue-winged Warbler	4	1	4
Golden-winged Warbler		1	
Nashville Warbler	c	c	c
Orange-crowned Warbler	1		4
Tennessee Warbler	4	c	c
Northern Parula Warbler.....	1	1	5
Cape May Warbler.....		10+	10+
Yellow Warbler	c	c	c
Black-throated Blue Warbler.....	c	c	10+
Myrtle Warbler	c	5+	10+
Magnolia Warbler	c	c	c
Cerulean Warbler	10+	1	10+
Chestnut-sided Warbler	c	c	c
Bay-breasted Warbler		c	2
Black-poll Warbler	1	1	
Blackburnian Warbler	c	c	c
Black-throated Green Warbler.....	c	c	10+
Palm Warbler	3	3	
Prairie Warbler	2	2	
Yellow-breasted Chat			1
Oven-bird	c	c	c
Water-Thrush	10+	10+	5
Louisiana Water-Thrush	2	3	5+
Mourning Warbler		1	
Maryland Yellow-throat	c	c	10+
Hooded Warbler	1		
Wilson's Warbler		4	
Canada Warbler		10+	4
Redstart	c	c	c
Pipit	50+		
Catbird	c	c	c
Brown Thrasher	c	c	10+
House Wren	c	c	10+
Winter Wren	1		
Long-billed Marsh Wren.....	4	10+	1
Brown Creeper	1		
White-breasted Nuthatch	3	2	10+
Red-breasted Nuthatch	7	1	10+
Tufted Titmouse	5+	5+	10+
Chickadee	3	2	4
Golden-crowned Kinglet			1
Ruby-crowned Kinglet	c	2	10+

	Oberlin May 8	Oberlin May 15	Youngstown May 12
Blue-gray Gnatcatcher	3	2	3
Wood Thrush	c	c	c
Veery	c	c	c
Gray-cheeked Thrush	1	4	10+
Olive-backed Thrush	c	c	c
Hermit Thrush	1	1	
Robin	c	c	c
Bluebird	c	c	10+
	137	138	130

Nordhoff and Tea Neck (Phelps Estate), N. J., and Nyack and Hook Mountain, N. Y., May 14, 1916, 7:30 a. m. to 5:30 p. m. Cloudy, with occasional light showers; wind, southwest and light. Temperature 60° to 70°. Companion in field, B. S. Taubenhau, New York City.

Green Heron, 1; Wilson Snipe, 1; Spotted Sandpiper, 1; Marsh Hawk, 1; Broad-winged Hawk, 1; Yellow-billed Cuckoo, 5; Black-billed Cuckoo, 1; Belted Kingfisher, 1; Downy Woodpecker, 3; Flicker, 40; Chimney Swift, 350; Kingbird, 20; Crested Flycatcher, 12; Phoebe, 2; Wood Pewee, 2; Least Flycatcher, 5; Blue Jay, 10; American Crow, 75; Fish Crow, 1; Starling, 150; Bobolink, 15; Cowbird, 13; Redwings, 75; Meadowlark, 8; Orchard Oriole, 2; Baltimore Oriole, 50; Purple Grackle, 150; Bronzed Grackle, 25; Purple Finch, 1; American Goldfinch, 150; Vesper Sparrow, 1; Grasshopper Sparrow, 5; White-crowned Sparrow, 3; White-throated Sparrow, 25; Chipping Sparrow, 75; Field Sparrow, 15; Song Sparrow, 250; Swamp Sparrow, 10; Towhee, 8; Rose-Breasted Grosbeak, 40; Indigo Bunting, 1; Scarlet Tanager, 75; Cliff Swallow, 10; Barn Swallow, 150; Tree Swallow, 700; Bank Swallow, 15; Red-eyed Vireo, 6; Warbling Vireo, 2; Yellow-throated Vireo, 5; Black and White Warbler, 25; Blue-winged Warbler, 5; Parula Warbler, 15; Yellow Warbler, 50; Black-throated Blue Warbler, 7; Myrtle Warbler, 75; Chestnut-sided Warbler, 10; Blackpoll Warbler, 1; Black-throated Green Warbler, 15; Ovenbird, 75; Maryland Yellowthroat, 15; Yellow-breasted Chat, 4; Hooded Warbler, 4; American Redstart, 40; Brown Thrasher, 5; Catbird, 40; House Wren, 10; Long-billed Marsh Wren, 25; Wood Thrush, 15; Wilson Thrush, 10; Grey-cheeked Thrush, 6; Olive-backed Thrush, 5; Robin, 400; and Bluebird, 2. Seventy-three species.

LOUIS S. KOHLER.

Bloomfield, N. J.

PLAINFIELD, N. J., MID-MAY BIRD CENSUS, 1916.

W. DEW. MILLER AND CHARLES H. ROGERS.

Will the reader please turn to his copy of the WILSON BULLETIN for September, 1915, and make the following additions to our article beginning on page 403: Insert "May 17, 1914; May 16, 1915," between the title and our names; add "Nighthawk, 9" to the 1914 column; and prefix "Black-capped" to "Chickadee" toward the end of the list. Plainfield is but a few miles north of the Black-capped-Carolina Chickadee boundary.

On May 14, 1916, we started at 3:45 a. m. from East 7th Street and followed the same route as in the two previous years (northward across the city and deviously through and over the Watchung Mountains via Union Village to the Passaic River and up its south bank) to a point about three quarters of a mile below the Dead River; it was then about 7:30 p. m. and rapidly becoming so dark that we took a short cut by road to the road by which we have regularly returned through Mt. Bethel to North Plainfield, which we reached in time for the 9:30 car. The distance covered, not counting the more intricate of our windings, was about eighteen and one half miles, as against about twenty miles in 1914. Weather fine the first three and one half hours, cloudy from 7:30 a. m., brief light showers after dark; moderate south-east wind; 47° at start, 53° at return.

Our list of birds was 99 fully identified species, but if we did not break our record for the total (104 in 1914), we did for *Mniotiltidae*, as we noted every species found the two previous years, and two more, Golden-winged and Prairie, making 26. This was in spite of the fact that only 265 of the 1090 individuals listed were warblers, compared with 334 out of 1112 in 1914. The unusual abundance of Solitary and Spotted Sandpipers, Rose-breasted Grosbeaks, Scarlet Tanagers and Northern Water-Thrushes helped swell our total. The most noteworthy species was the Mockingbird, W. DeW. M's. second record for the region. The number of Tennessee Warblers was greater than the number of those either of us had observed in all our previous springs' bird study. The Woodcock was singing, an unusually late record. Each of us noted every species mentioned; individuals recorded as before.

While several species are on our list by sheer good luck, poor luck contributed to our not breaking our record, especially in not seeing a Green Heron or a Kingfisher, although we were following water courses nearly all day. The entire absence each of the three years of the Green Heron and the White-eyed Vireo from the several miles of Passaic Valley covered is remarkable.

Black-crowned Night Heron, 2; American Woodcock, 1; Least Sandpiper, 1; Solitary Sandpiper, 28; Spotted Sandpiper, 31; Killdeer, 2; Mourning Dove, 5; Cooper's Hawk, 1; Red-shouldered Hawk, 1; American Sparrow Hawk, 3; American Osprey, 1; Yellow-billed Cuckoo, 1; Hairy Woodpecker, 1; Downy Woodpecker, 9; Northern Flicker, 11; Whip-poor-will, 4; Chimney Swift, 58; Kingbird, 9; Crested Flycatcher, 6; Phoebe, 12; Wood Pewee, 7; Yellow-bellied Flycatcher, 2; Chebec, 5; Blue Jay, 24; American Crow, 22; Starling, 11; Bobolink, 3; Cowbird, 3; Red-winged Blackbird, 5; Meadowlark, 10; Baltimore Oriole, 12; Orchard Oriole, 2; Purple Grackle, 11; Purple Finch, 3; House Sparrow, 34; American Goldfinch, 25; Vesper Sparrow, 3; Grasshopper Sparrow, 4; Henslow's Sparrow, 1; White-throated Sparrow, 9; Chipping Sparrow, 22; Field Sparrow, 23; Song Sparrow, 66; Swamp Sparrow, 8; Towhee, 13; Cardinal, 1; Rose-breasted Grosbeak, 18; Indigo Bunting, 7; Scarlet Tanager, 20; Purple Martin, 3; Barn Swallow, 25; Tree Swallow, 3; Rough-winged Swallow, 10; Cedar Waxwing, 11; Red-eyed Vireo, 19; Warbling Vireo, 3; Yellow-throated Vireo, 3; Solitary Vireo, 2; White-eyed Vireo, 1; Black and White Warbler, 12; Worm-eating Warbler, 4; Blue-winged Warbler, 12; Golden-winged Warbler, 3; Nashville Warbler, 3; Tennessee Warbler, 6; Northern Parula Warbler, 12; Cape May Warbler, 2; Yellow Warbler, 2; Black-throated Blue Warbler, 10; Myrtle Warbler, 16; Magnolia Warbler, 12; Chestnut-sided Warbler, 10; Bay-breasted Warbler, 9; Black-poll Warbler, 15; Blackburnian Warbler, 5; Black-throated Green Warbler, 3; Prairie Warbler, 1; Ovenbird, 34; Northern Waterthrush, 23; Louisiana Waterthrush, 1; Maryland Yellowthroat, 38; Yellow-breasted Chat, 1; Wilson's Warbler, 2; Canada Warbler, 13; American Redstart, 16; Mockingbird, 1; Catbird, 21; Brown Thrasher, 1; House Wren, 4; Long-billed Marsh Wren, 1; White-breasted Nuthatch, 5; Tufted Tit, 3; Black-capped Chickadee, 3; Wood Thrush, 12; Veery, 17; Gray-cheeked Thrush, 2; Olive-backed Thrush, 5; American Robin, 103; Bluebird, 4.

Hillsboro, O., May 15, 1916.

Five to eight-thirty a. m. Early morning clear, becoming cloudy about seven o'clock. Pleasant, with a very slight wind. Wood Thrush, 6; Hermit Thrush, 1; Robin, 25; Bluebird, 8; Tufted Titmice, 4; Black-capped Chickadee, 6; Catbird, 8; Brown Thrasher, 16; Carolina Wren, 1; Black and White Warbler, 1; Warbling Vireo, 1; Cedar Waxwing, 6; Bank Swallow, 1; Tree Swallow, 1; Indigo Bunting, 3; Cardinal, 5; Towhee, 7; Song Sparrow, 12; Field Sparrow, 20; Chipping Sparrow, 2; White-throated Sparrow, 1; Vesper Sparrow, 2; Goldfinch, 7; Bronzed Grackle, 15; Baltimore

Oriole, 2; Meadowlark, 10; Red-winged Blackbird, 15; Cowbird, 10; Red-headed Woodpeewee, 8; Phœbe, 2; Crested Flycatcher, 6; Kingbird, 2; Crow, 10; Blue Jay, 15; Red-headed Woodpecker, 16; Red-bellied Woodpecker, 2; Flicker, 15; Yellow-billed Cuckoo, 2; Black-billed Cuckoo, 1; Sharp-shinned Hawk, 1; Turkey Vulture, 1; Mourning Dove, 15; Bobwhite, 3; Kildeer, 3. 44 species, 298 individuals.

KATIE M. ROADS.

LaGrange, Ill., May 6, 1916.

Temperature 65-75. Fair, with wind in the morning, cloudy; light rain and no wind in the afternoon. Time, 4:00-7:00+7:30-9:00+1:00-2:00+4:00-6:00. Eight hours. Places visited in order named: North woods, Hinsdale swamp, Riverside, and Jackson Park.

Pied-billed Grebe, 4; Herring Gull, 5; Bonaparte Gull, 6; Forster Tern, 1; Black Tern, 3; Blue-winged Teal, 4; Lesser Scaup Duck, 5; Old-squaw, 1; Bittern, 2; Green Heron, 1; King Rail, 2; Sora, 15; Coot, 10; Wilson Snipe, 1; Spotted Sandpiper, 2; Solitary Sandpiper, 2; Killdeer, 1; Mourning Dove, 4; Sparrow Hawk, 1; Belted Kingfisher, 4; Hairy Woodpecker, 1; Downy Woodpecker, 6; Red-headed Woodpecker, 10; Flicker, 25; Chimney Swift, 35; Kingbird, 1; Crested Flycatcher, 1; Phœbe, 1; Prairie Horned Lark, 12; Blue Jay, 20; Crow, 30; Bobolink, 12; Cowbird, 18; Red-winged Blackbird, 200; Meadowlark, 20; Baltimore Oriole, 10; Bronzed Grackle, 100; Goldfinch, 20; Vesper Sparrow, 2; White-Crowned Sparrow, 1; White-throated Sparrow, 50; Chipping Sparrow, 5; Field Sparrow, 15; Song Sparrow, 18; Swamp Sparrow, 1; Towhee, 15; Cardinal, 6; Rose-breasted Grosbeak, 8; Scarlet Tanager, 2; Purple Martin, 50; Cliff Swallow, 2; Barn Swallow, 3; Tree Swallow, 17; Bank Swallow, 12; Cedar Waxwing, 35; Red-eyed Vireo, 3; Warbling Vireo, 1; Black and White Warbler, 50; Prothonotary Warbler, 1; Golden-winged Warbler, 2; Nashville Warbler, 1; Parula Warbler, 6; Yellow Warbler, 10; Black-throated Blue Warbler, 2; Myrtle Warbler, 50; Magnolia Warbler, 20; Chestnut-sided Warbler, 15; Bay-breasted Warbler, 1; Blackburnian Warbler, 12; Black-throated Green Warbler, 35; Pine Warbler, 3; Palm Warbler, 40; Oven-bird, 1; Maryland Yellow-throat, 2; Redstart, 8; Catbird, 15; Brown Thrasher, 50; House Wren, 20; Long-billed Marsh Wren, 5; Red-breasted Nuthatch, 20; Brown Creeper, 2; Chickadee, 10; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 8; Wood Thrush, 10; Veery, 5; Gray-cheeked Thrush, 6; Olive-backed Thrush, 4; Hermit Thrush, 10; Robin, 30; Bluebird, 5. Total, 91 species, 1291 individuals.

LaGrange, Ill.

SIDNEY WADE.

Hinsdale, Ill., May 26, 1916.

Time, 10 a. m. to 1 p. m., in the woods. A drive of ten miles through prairie country to a swamp, 2:30 p. m. to 5 p. m. Weather clear, no wind, very warm, 80° to 85°. Robins, Bronzed Grackles, Meadow Larks, Bobolinks and Red-winged Blackbirds, too abundant to count. Have counted them as fifty each, which is underestimated if anything, especially the Red-wing Blackbirds.

Pied-billed Grebe, 1; Bittern, 1; Least Bittern, 4; Green Heron, 1; Black-crowned Night-Heron, 1; Virginia Rail, 2; Sora Rail, 1; Florida Gallinule, 2; Coot, 8; Upland Plover, 1; Spotted Sandpiper, 2; Black-bellied Plover, 2; Killdeer, 4; Bob-white, 2; Mourning Dove, 8; Marsh Hawk, 1; Yellow-billed Cuckoo, 4; Black-billed Cuckoo, 4; Belted Kingfisher, 2; Hairy Woodpecker, 1; Red-headed Woodpecker, 12; Flicker, 14; Nighthawk, 1; Chimney Swift, 15; Kingbird, 24; Crested Flycatcher, 1; Phoebe, 2; Olive-sided Flycatcher, 3; Wood Pewee, 4; Yellow-bellied Flycatcher, 3; Acadian Flycatcher, 2; Traill's Flycatcher, 3; Least Flycatcher, 6; Prairie Horned Lark, 4; Blue Jay, 2; Crow, 7; Bobolink, 50; Cowbird, 24; Red-wing Blackbird, 50; Meadow Lark, 50; Baltimore Oriole, 6; Bronzed Grackle, 50; Goldfinch, 4; Vesper Sparrow, 6; Grasshopper Sparrow, 6; Field Sparrow, 1; Song Sparrow, 20; Lincoln's Sparrow, 2; Swamp Sparrow, 2; Cardinal, 2; Rose-breasted Grosbeak, 4; Indigo Bunting, 2; Dickcissel, 8; Scarlet Tanager, 2; Purple Martin, 20; Barn Swallow, 7; Cedar Waxwing, 50; Red-eyed Vireo, 20; Warbling Vireo, 1; Black and White Warbler, 1; Yellow Warbler, 4; Black-throated Blue Warbler, 1; Magnolia Warbler, 12; Chestnut-sided Warbler, 2; Bay-breasted Warbler, 8; Black-poll Warbler, 24; Black-throated Green Warbler, 1; Oven Bird, 2; Water Thrush, 2; Connecticut Warbler, 2; Mourning Warbler, 4; Northern Yellow-throat, 10; Wilson's Warbler, 4; Canada Warbler, 6; Redstart, 15; Catbird, 16; Brown Thrush, 2; House Wren, 15; Short-billed Marsh Wren, 10; Long-billed Marsh Wren, 18; Wood Thrush, 4; Veery, 2; Gray-cheeked Thrush, 1; Olive-backed Thrush, 8; Robin, 50; Blue Bird, 8. 86 species, 777 individuals.

MRS. C. E. RAYMOND.